

CHAPTER 2: COMMENT DOCUMENTS

This chapter is a compilation of all the documents that the Department of Energy (DOE) received during the public comment period on the *Draft Site-wide Environmental Impact Statement for Continued Operation of Lawrence Livermore National Laboratory and Supplemental Stockpile Stewardship and Management Programmatic Environmental Impact Statement*. The documents are presented alphabetically. On each document the first number represents the comment number within that document and the second number represents the issue summary code assigned to this comment. This number can be used to locate the summary and response relating to this comment. Section 1.3 describes the organization of this Comment Response Document and discusses the tables provided in Chapter 1 to assist readers in tracking their comments to the respective comment summary and responses. Chapter 3 provides comment summaries and DOE responses by category.

A High School Student
Page 1 of 1

	Dear Mr Tom Grim
	I would like to voice my opinion
1/37.01	of opposition on the Environmental Impact
2/35.01	Statement please don't make bombs and
	anthrax near my home.
	—A high school student

A Livermore Employee Who Lives in Tracy, California
Page 1 of 1

	Mr. Tom Grim
	Comment on the Site Wide Environmental Impact Statement
1/17.07	The controlled burns at Site 300 are not discussed in any detail in the draft EIS, but now that the EPA has designated the region as one out of compliance with their guidelines on air quality, a more thorough discussion is needed. For example, what does the controlled burning of brush add to the amount of pollutants in the atmosphere? Also since there are alternatives to burning such as mowing or in steep areas like Site 300 goats have been used to keep the vegetation down. Also Site 300 soil and water is contaminated with uranium and tritium, but no discussion is given on the amounts of these radioactive elements spread by the fires. For example, tritium monitors that give a constant read out of tritium release ring the Livermore site. There is no such set of monitors around Site 300. There is no explanation for this discrepancy. There is a proposal to release 200 curies of tritium a year from Site 300, which is similar to the amount of tritium, released from the Livermore site.
2/17.01	
3/30.01, 30.02	My other comment is terrorist attack. At the Livermore City Council meeting, you said all of the evaluations are classified. That is not factual. The GAO report and the POGO report that were provided to Congress are both unclassified and fairly detailed. Why are the findings from these reports not discussed in the draft EIS and why are they not references since they are pertinent to a possible terrorist attack. Is Site 300 a possible target for attack with the radioactive materials used in testing?
	From,
	A Livermore employee who lives in Tracy California

Aaland, Hans
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1/32.04
cont.

pg ③ of 4

We'll not be able to cross
to a better place when its
revealed by Gods plan we're
going the wrong direction.
I warned the President before
he invaded Iraq, with Isaiah
22. If I had been Governor,
like my cause deserves, we'd
have been closer to verse 18/
the chariots of thy glory
shall be the shame of thy
lord's house. I'm against
nuclear weapons!

I've defined what
the President claims to protect
by focusing (at least initially) on
the "axis" of evil! With four letters
I'm able to consistently climb
on top of my Giraffe (elongated)
Unicycle, and with four letters
I've found the axis, I

Aaland, Hans
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1/32.04
cont.

Note: There's a science to spirit,
as even Raiders can be rehabili-
tated with the emblems good
eye found by the loop of the
R while looking out.

can apply to every
situation, and balance
what is best. I.I.Y.R.
Independent Interactive.
Yea Right, It gives us
a rub between the letter
and the immediate surround-
ings. Make the letter Y with
your arms lifted up, then
make an R, by the loop be-
ing formed by cupping your
right hand towards the left,
and connecting to your left
hand and arm. Y.R. for Yea
Right, and I.I., even if its
just saying to yourself, yea
right, as I pass along. Its
when people put us in battles, are
we now as we cant go through the wilderness
(see Jeremiah 9, 12)!

Let us lift up, and not just blunder. No Nukes or weapons to put us in danger.
Y.R. it won't take much
to see!
From, Hans Aaland

pg ④ of 4

Aaland, Hans
Page 2 of 6

today, that's very possible,
someone whose attention
I've stirred could be watch-
ing me closely. I'm glad
like I've invited a pop-
ular radio station and
the California Highway
Patrols top inspector to
respect me as they do,
and give me my voice too.

preferably my voice
first, as there was
a C.H.P. once, who pre-
judged me, and came
running after me while
I was on my Giraffe

Aaland, Hans
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Unicycle! I was weaving
in the wind with a big
cardboard sign (I often
carry, with something
written on it) I'd al-
ready checked out and
around the turnaround,
parking spot before the
Golden Gate bridge. ^{where I was.} Every-
thing seemed clear! Why
all of a sudden was there
a C.H.P. Officer yelling at
me, and suddenly running
after me?! I knew I best
level with him quick, so I
dropped down off my unicycle

Aaland, Hans
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and innocently showed
my concern about him.

I didn't manage
to stop him before he
began so determinly,
and popping up from the
shaded walkway, over a-
long the building. Before
I knew it, I was being
tackled by a bunch of
officers. Now we're in a
wisp, a cat with a wisk-
er hasn't a fleeting
chance! I heard later,
there was even an art-
icle in the paper, while
the seldom beer I'd had
earlier in the ^{day} still smell-
ed from my breath. I've

Aaland, Hans
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even heard I was written
against in the SF Chronicle.

A night in prison at
San Francisco, and though
they made the hospital take
my blood, their report (Police)
showed I refused the
blood test. Peoples
using words like they
don't have anything to
do with the truth, I'll
say! Far cry from I.I.
Y.R.! Just a plan engaged
with no means of chang-
ing them, once it's de-
cided.

Y.R.! The difference
between me and you is

Aaland, Hans
Page 6 of 6

pg 6 of 10

I give arms length to
the things I approach be-
fore I jump in, head long, and stick there ^{after}
so as I don't miss the
act of God that can
forgive all, and give us
a new standard to work,
all at once! We are all guilty,
and God, whose voice I know,
tells us to give arms length
in unbelief, as in Romans
11:32, God concludes everyone
in unbelief that he may have
mercy on all.

I. I. Y. R. - Independent
Interactive, Yea Right, we lift
up our arms each, as if our
defence is each soul relents.

From
Hans
Bulow

Aaland, Hans
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Concerning: last fax I sent!

Fax.. 422-1776

To Tom Grim.

That was a heavy thing
to say about the C.P., allow
me to balance out please.

I've had trouble with
local police and Sheriff,

where if they allowed
between

some space in between.
They wouldn't be physically

they wouldn't be jumping on me before

giving human space in

between. Nowadays es-

... specially because people
have put on uniform wh

are not really police, wh

the standard then!!
Maybe before any trouble

lets wave at one another,
with Arms & hand, I write to

utter^{off} I was in control, while
riding my unicycle actually riding
backward letting my sign wave with
the wind, and it was so little
beer, I don't believe it stayed at the
on the blood test they took at the
hospital, I didn't have a chance but to take it (too)

212

(from →)

to offer -
I ought to be
in Newspapers, like some
bodies found it in a world
gone wrong! Yet those who
know, see my worth place
Join with God. He is to
30.17 God will
heal me
heal me
the

5-29-06
From
Hans Aaland
Culver's #600-6030
Home 447-4109

I don't even know what the house
paper said, but for what I have
(Faint) (To)

Q-5 Note II of II, This is an proven source of intelligence the 5th please give it proper

NO COMMENTS IDENTIFIED IN THIS SUBMITTAL

Aaland, Hans
Page 1 of 2

Concern: Future Vision / Please tell us any holes I've left out. Concern across is we miss the point or don't get us in direction we must go. 5-29-04 From Hans Aaland

To Tom Grim,

You talk of defence 10 years off, yet I talk of, and direct to the scripture Hagga: 3:9, to combat terrorism threat today! It is written; For then will I turn to the people a pure language, that they may call upon the name of the LORD, to serve him with one consent.

vs. 8 Therefore wait ye upon me, saith the LORD, until the day that I rise up to prey: for my determination is to gather the nations, that I may assemble the Kingdoms, to pour upon them my indignation, even all my fierce anger; for all the earth

NO COMMENTS IDENTIFIED IN THIS SUBMITTAL

Aaland, Hans
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shall be devoured with the fire of my jealousy.

2 I said, Surely thou wilt fear me, thou wilt receive instructions, so their dwelling should not be cut off, howsoever I punished them; but they rose early, and corrupted all their doings.

16 In that day it shall be said to Jerusalem, Fear thou not; and to Zion, Let not thine hands be slack.

17 The LORD thy God is in the midst of thee, is mighty; he will save, he will rest in his love, he will joy over thee with singing.

Allow me to introduce myself, for in God do I delight. I so desired to see you all of 2 a while. From Hans

Aaland, Hans
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Concerning - future vision for all
 Fay
 1. 422-1776
 To Tom Gram
 What a wonderful country we live in that I see all things I do and talk about them too, is collective efforts from the many, for a long time which made it possible. We are the sum of the energy which has been collected to now. I feel as though if I've been supported, as Governments been guided by the Bible, so can I interject where the Bible makes its point at the head. We are all unbelievers, as any can point to Romans 11:32. God concludes all in unbelief that he may have mercy.

These 24 probably said copy to Tom. 6-1-04
 from, Hans Aaland
 pg 2 of 2
 call 422-6030

NO COMMENTS IDENTIFIED IN THIS SUBMITTAL

Aaland, Hans
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on all. Yea right, you say. Y.R., I too, let us breathe in between, and see what God can do. One is missing between 11:32! 1 & 1 is 3, and 1 after 2 is 321. Walk this way, come together over me! Spiritual connection and Gods' jealousy will be stirred. Even all the isles of the heathen will worship God, everyone from his place. (Zephaniah 2:11).

When we can define the line between all, all can be directed, as for it has a nucleus by which if any is out, it need but Y.R. themselves to express their no! Better Y.R. ahead!

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* See Zephaniah 2:11
 * Y.R. - You Right, express with your arms and cry of right hand.
 * can hear

Abrahamson, Carl C.
Page 1 of 1

-----Original Message-----

From: Mary Abrahamson [mailto:mabrason@hickorytech.net]
Sent: Wednesday, May 12, 2004 7:06 PM
To: tom.grim@oak.doe.gov
Subject: nuclear weapons

1/01.01. Now is the time to end the nuclear threat. The only way to do that is for the two most
01.03 threatening nations to disarm. Yes, I am talking about Russia and the US. According to statistics,
2/32.02 both nations have over 8,000 warheads still in their stockpile. More than 2,000 of our nations
missiles are on hair trigger. This means that a president with a hair trigger temper (like Bush)
could end the lives of 10's of millions of innocent people with a quick button push. This will truly
be the end of the world as we know it. Sincerely, Carl C. Abrahamson, concerned citizen.

Alameda County Flood Control and Water Conservation District,
Jim Horen, Principal Engineer, Advance Planning Section
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ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 PHONE (925) 484-2600 FAX (925) 462-3914

May 27, 2004

Mr. Thomas Grim, Document Manager
National Nuclear Security Administration
United States Department of Energy
Livermore Site Office, L-293
7000 East Avenue,
Livermore, CA 94550-9234

Re: Draft Site-Wide Environmental Impact Statement for Continued Operation of Lawrence
Livermore National Laboratory and Supplemental Stockpile Stewardship and
Management Programmatic Environmental Impact Statement (Draft LLNL SW/SPEIS)

Dear Mr. Grim:

Zone 7 has reviewed the referenced NEPA document in the context of our mission to provide drinking water, non-potable water for agriculture and irrigated turf, flood protection, and groundwater and stream management in the Livermore-Amador Valley. Our understanding is that the proposed project consists of the continued operation of the LLNL, including foreseeable future operations, facilities, and activities, which include proposed modifications to existing projects and new programs. Our comments on the Environmental Impact Statement are as follows:

1. Page S-10 to S-12, Paragraphs S.5.1.1 to S.5.1.10, National Ignition Facility, BioSafety Level 3 Facility, Terascale Simulation Facility, Container Security Testing Facility, International Security Research Facility, etc.

These paragraphs state that certain new facilities are currently under construction or will be in the future. The total impervious area will likely increase due to the planned construction of over 450,000 square feet of new facilities that could lead to additional runoff. The changes in pervious area and impervious area should be clarified. If there will be an increase in impervious area over the existing improvements then Zone 7's standard practice is to assess new development with Special Drainage Area 7-1 (SDA 7-1) drainage fees. Fees are collected for any development creating new impervious areas that would contribute runoff to Zone 7's flood control facilities.

1/18.04

Zone 7 has flood control facilities, Line P (Arroyo Seco) and Line P-1 (Re-located Arroyo Las Positas), adjacent to the LLNL site, i.e., southwest and northwest, respectively. The increased impervious areas proposed will most likely lead to additional runoff to these facilities. A hydraulic study should be performed to show that the additional runoff will not have an adverse effect on the 100-year water surface elevation in our facilities.

2. Page S-10, Paragraph S.5.1.2, BioSafety Level 3 Facility

2/35.01

This paragraph states that the BLS-3 Facility would provide for environmentally safe and physically secure manipulation and storage of infectious micro-organisms, many of which are potential bioweapon agents. Reference should be made to our enclosed letter, dated August 23, 2002, on the Draft Environmental Assessment for Proposed Construction and Operation of this BLS-3 facility. Since, we have not received the Final Environmental Assessment and this facility

**Alameda County Flood Control and Water Conservation District,
Jim Horen, Principal Engineer, Advance Planning Section
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Mr. Thomas Grim
National Nuclear Security Administration
United States Department of Energy
May 27, 2004
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2/35.01 cont. is scheduled to begin operation this year, please note that our primary concern for this facility has not been addressed. Our specific concern is that infectious materials, biotoxins, or pharmaceuticals might reach the groundwater through one of the above pathways identified in the August 23, 2002 letter.

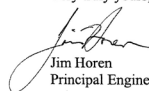
3. Pages 5-2-40, 5-3-33, and 5.4-27, Sections 5.2.9, 5.3.9, and 5.4.9, Volume 1 of Draft LLNL SW/SWP EIS

3/28.01 The document states, "Compliance with an approved erosion and sedimentation control plan during construction would prevent impacts to surface water from construction-induced erosion." Permanent post-construction stormwater management controls should also be included in a stormwater pollution prevention plan, as appropriate, to limit discharge of sediment.

Also, please submit for Zone 7 review all future plans and specifications pertaining to the proposed improvements at the LLNL site and Site 300, and any other pertinent information or studies, to John Koltz, Senior Engineer, Advance Planning.

We appreciate the opportunity to comment on this document. Please feel free to contact Jack Fong at (925) 484-2600, ext. 245, or myself at ext. 400 if you have any questions or comments.

Very truly yours,


Jim Horen
Principal Engineer
Advance Planning Section

JH:JF:arr

Encl.

cc: Ed Cummings
John Mahoney
Dave Lunn
Matt Katen
John Koltz
Joe Seto
Mona Olmsted
Jack Fong

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**Alameda County Flood Control and Water Conservation District,
Jim Horen, Principal Engineer, Advance Planning Section
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ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 PHONE (925) 484-2600 FAX (925) 462-3914

August 23, 2002

Mr. Richard Mortensen, DOE NEPA Document Manager
United States Department of Energy
Livermore Site Office, L293
P.O. Box 808
Livermore, CA 94551

Re: Draft Environmental Assessment for Proposed Construction and Operation
of a Biosafety Level 3 Facility at Lawrence Livermore National Laboratory

Dear Mr. Mortensen:

Zone 7 has completed its review of the referenced NEPA document. Our understanding is that the proposed project consists of the construction and operation of a 1,500 square-foot laboratory facility within the Lawrence Livermore National Laboratory (LLNL) site. The site for this facility is approximately 0.25 acres. It currently consists of paved parking and a road in the vicinity of Building 360 complex.

Our comments are made in the context of Zone 7's responsibilities within its service area to provide wholesale treated water, untreated water for agriculture and irrigated turf, stream management and flood protection, and groundwater management. Zone 7 does not have any existing or planned flood control facilities nor water production/transmission in the project vicinity.

4/35.01

The draft environmental assessment states that wastewaters generated by this facility will be disposed of to the City of Livermore's sanitary sewer system. Municipal sewer systems typically have leaking pipe joints. Also, the City of Livermore recycles a portion of its treated wastewater for turf and landscape irrigation over the Valley's main groundwater basin, and it may also someday store recycled wastewater in one of Zone 7's Chain of Lakes. Our primary concern for this project is that infectious materials, biotoxins, or pharmaceuticals might reach the groundwater through one of the above pathways. Our comments have been organized to follow the order of the draft environmental assessment, as follows:

1. Page 8, Proposed BSL-3 Facility Location and Construction Measures

This paragraph mentions that the proposed project would be within an existing paved parking area. If construction is contained to the existing paved parking area, a drainage fee for Zone 7's Special Drainage Area (SDA) 7-1 may not be required, since no impervious area would be created. However, if the construction does create new impervious area, it will be subject to SDA 7-1 drainage fees.

2. Pages 22 and 23, Waste Generation at the BSL-3 Facility

The first paragraph on page 23, states that "soluble or liquid waste materials generated from laboratory operations can be disposed of in the laboratory sinks after first being treated with disinfectants." Please confirm that simple disinfection will be adequate for all constituents of concern. Will disinfection always be performed?

**Alameda County Flood Control and Water Conservation District,
Jim Horen, Principal Engineer, Advance Planning Section
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Mr. Richard Mortensen, DOE NEPA Document Manager
United States Department of Energy
August 23, 2002
Page 2

3. Page 34, Sanitary Liquid Waste and Page 45, Waste Management

This paragraph states that "...liquid wastes as generated from the proposed BSL-3 laboratory operations would be discharged to a retention tank system, for containment, characterization, and disinfection as needed, prior discharge to the sanitary sewer system." Whereas the second paragraph on page 45 states that "There would be no retention tanks or need for waste accumulation areas since no hazardous waste would be produced..." These statements need clarification.

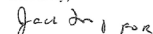
If the liquids are going to go to a retention tank for "containment, characterization, and disinfection as needed" please provide some discussion as to the process which determines whether disinfection is needed. The sentence on page 34 that states "...no discharge limits currently exist for infectious materials which are commonly discharged by healthcare and veterinary facilities and laboratories or homes" does not justify ignoring the need for monitoring, but instead, might point to possible flaws in the existing regulations. Are the potential discharges from a BSL-3 facility the same as those for healthcare and veterinary facilities and laboratories or homes?

4. Pages 39-41, Potential Pathways for Infectious Agents to Escape BSL-3 Containment, Water-borne Transmission

In the paragraph on Water-borne Transmission, page 41, it states "Water exiting through the sink drains would be disinfected, if necessary, and would be diluted by mixing with sanitary wastewater in the sewer system and at the LWRP facility." As mentioned above, what determines whether disinfection will be needed? Will disinfection and dilution be effective for all of the potential constituents of concern? What is the potential for discharge of pharmaceutical pollutants? What is the potential for discharge of resistant strains of bacteria and viruses?

Please feel free to call me at (925)-484-2600, ext. 400, or Jack Fong at ext. 245 if you have any questions or comments.

Sincerely,



Jim Horen
Principal Engineer
Advance Planning Section

JH:JF:jr

cc: Ed Cummings
John Mahoney
Yan Kee Chan
Dave Lunn
Diana Gaines
Matt Katen
Jack Fong

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4 /35.01
cont.

**Allen, Karen
Page 1 of 1**

RE: Comments on the Department of Energy's Site-Wide Environmental
Impact Statement (SWEIS) for Continued Operations at Lawrence
Livermore National Laboratory (LLNL).

Dear Mr. Grim:

Our world is becoming increasingly more dangerous. The nations of the world should be decreasing the number and lethality of weapons, including nuclear weapons, and the U.S. should be in the forefront of that effort. Sadly (embarrassingly), such is not the case.

To my mind, designing new nuclear weapons, when we should be destroying all nuclear weapons, is simply unconscionable. It heads the "What Are They Thinking!" top 10 list for wickedly despicable ideas.

1/04.01

The U.S. is now viewed by other nations as a rogue nation, intent on dominating the world. If we allow ourselves to continue down this path...we simply must NOT continue down this path! We must rejoin the community of nations and work together to make the world a better place.

I care about my children and grandchildren. I want them to have a beautiful world to live in: a nuclear arms race, which will be the result of continued and expanded operations at LLNL, is incompatible with my hopes and dreams for my children.

Please do not do this!

-Karen Allen
1430 Bel Air Drive, #101
Concord, CA 94521